

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	2004/0113299	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 12:00
L2	1	"20040113299"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 12:00
L3	1	I2 and (critical near4 cutting-in)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 12:26
L4	1	I2 and (rake near2 face)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 12:58
L5	1	"11290499"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 13:22
L6	1	"5171348".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 13:22
L7	1	I6 and (surface protective) near3 layer\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 13:27
L8	1	I2 and (film coat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 13:49
L9	1	"5008002".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 13:49
L10	0	I9 and aspheric\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 13:50
L11	1	I9 and spheric\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 14:12
L12	1	I2 and (plastic same glass)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 14:13
L13	0	I2 and (asperic\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 14:13
L14	1	I2 and (aspheric\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 14:14
L15	1	I2 and (diamond)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 14:14

EAST Search History

S1	50	(hosoe and shigeru).in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 06:39
S2	27	S1 and diamond	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/10 16:03
S3	1	"10806175"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/10 15:55
S4	3	S1 and (Vickers Rockwell)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/10 16:06
S5	41	S1 and (transfer\$3 transferr\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/10 16:06
S6	32	S1 and (transfer\$3 transferr\$3) near4 (surface)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/10 16:13
S7	128	(SiC) same (cutt\$3) same (curv\$3 curvature spher\$3 spherical aspherical)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/10 16:14
S8	10	(SiC) same (cutt\$3) same (curv\$3 curvature spher\$3 spherical aspherical)	USPAT	OR	ON	2007/04/10 16:14
S9	14886	(die mold) same (contact surface) same (optical)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 06:40
S10	7161	(die mold) near7 (contact surface) same (optical)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 06:40
S11	1447	(die mold) near7 (contact surface) same (lathe grind\$3) and (optical)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 06:41
S12	388	(die mold) near7 (contact surface) same (lathe) and (optical)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 06:43
S13	51	(die mold) near7 (contact surface) same (lathe) and (optical) and (264/2.5,2.7).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 06:48
S14	149	(die mold) near7 (contact surface) same (lathe precision) and (optical) and (264/2.5,2.7).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 06:49
S15	72	(die mold) near7 (contact surface) same (lathe (precision near4 (cut cutting shap\$3))) and (optical) and (264/2.5,2.7).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 08:02

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S16	5388	(264/2.5,337,338).ccls. (164/6,45). ccls. (29/557,558).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 08:02
S17	750	S16 and (optical)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 08:03
S18	432	S16 and (optical) and (cut\$3 cutting lathe lathing)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 08:03
S19	268	S16 and (optical) and ((cut\$3 cutting lathe lathing) same (mold die))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 08:04
S20	171	S16 and (optical) and ((cut\$3 cutting lathe lathing) same (mold die))	USPAT	OR	ON	2007/04/11 08:04
S21	59	S16 and (optical) and ((cut\$3 cutting lathe lathing) same (mold die)) and (diamond)	USPAT	OR	ON	2007/04/11 10:30
S22	1	"5589983".pn.	USPAT	OR	ON	2007/04/11 08:06
S23	1	(US-5638212-\$.did.	USPAT	OR	ON	2007/04/11 09:04
S24	1	S23 and mold	USPAT	OR	ON	2007/04/11 09:05
S25	1	S23 and "M"	USPAT	OR	ON	2007/04/11 09:05
S26	1	S23 and (metal metallic)	USPAT	OR	ON	2007/04/11 09:06
S27	0	S23 and (ceramic)	USPAT	OR	ON	2007/04/11 09:06
S28	1	(US-4681295-\$.did.	USPAT	OR	ON	2007/04/11 09:23
S29	1	S28 and (metal with mold)	USPAT	OR	ON	2007/04/11 09:23
S30	40	S16 and (optical) and ((cut\$3 cutting lathe lathing) same (mold die)) and (diamond) and (SiC aluminum nitride carbide titanium chrome)	USPAT	OR	ON	2007/04/11 09:30
S31	40	S21 and (SiC aluminum nitride carbide titanium chrome)	USPAT	OR	ON	2007/04/11 09:31
S32	28	S21 and ((SiC aluminum nitride carbide titanium chrome) same (mold die))	USPAT	OR	ON	2007/04/11 10:08

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S33	59	(US-4169119-\$ or US-4307046-\$ or US-4375739-\$ or US-4479910-\$ or US-4681295-\$ or US-4793953-\$ or US-4892595-\$ or US-5008002-\$ or US-5095664-\$ or US-5104590-\$ or US-5185107-\$ or US-5300263-\$ or US-5389313-\$ or US-5439621-\$ or US-5538674-\$ or US-5557836-\$ or US-5564870-\$ or US-5601758-\$ or US-5638212-\$ or US-5692287-\$ or US-5702735-\$ or US-5741446-\$ or US-5759457-\$ or US-5770120-\$ or US-5861114-\$ or US-5932151-\$). did. or (US-5958469-\$ or US-6007747-\$ or US-6010609-\$ or US-6021559-\$ or US-6043936-\$ or US-6077462-\$ or US-6082987-\$ or US-6099763-\$ or US-6103148-\$ or US-6120280-\$ or US-6302992-\$ or US-6305194-\$ or US-6379592-\$ or US-6385997-\$ or US-6402996-\$ or US-6491481-\$ or US-6510709-\$ or US-6514444-\$ or US-6533887-\$ or US-6568807-\$ or US-6597510-\$ or US-6719930-\$ or US-6726859-\$ or US-6735844-\$ or US-6787072-\$ or US-6869549-\$ or US-6875379-\$). did. or (US-6898015-\$ or US-6965476-\$ or US-7005243-\$ or US-7009774-\$ or US-7060175-\$ or US-7140812-\$).did.	USPAT	OR	ON	2007/04/11 09:34
S34	28	S33 and ((SiC aluminum nitride carbide titanium chrome) same (mold die))	USPAT	OR	ON	2007/04/11 09:46
S35	9	S33 and ((ceramic) same (mold die))	USPAT	OR	ON	2007/04/11 09:47
S36	9	S33 and ceramic	USPAT	OR	ON	2007/04/11 09:47
S37	9	S21 and ceramic	USPAT	OR	ON	2007/04/11 09:48
S38	8	S32 and ceramic	USPAT	OR	ON	2007/04/11 09:48
S39	9	S33 and ceramic	USPAT	OR	ON	2007/04/11 09:48
S40	9	S16 and (optical) and ((cut\$3 cutting lathe lathing) same (mold die)) and (diamond) and ceramic	USPAT	OR	ON	2007/04/11 09:48
S41	8	S16 and (optical) and ((cut\$3 cutting lathe lathing) same (mold die)) and (diamond) and (vickers rockwell)	USPAT	OR	ON	2007/04/11 10:03
S42	1	"5008002".pn.	USPAT	OR	ON	2007/04/11 10:03
S43	1	S42 and (diamond)	USPAT	OR	ON	2007/04/11 10:04

EAST Search History

S44	1	S42 and (diamond) and (cut cutting)	USPAT	OR	ON	2007/04/11 10:04
S45	9	S21 and (translat\$3)	USPAT	OR	ON	2007/04/11 10:30
S46	47	(optical) and ((cut\$3 cutting lathe lathing) same (mold die)) and (diamond)	EPO; JPO	OR	ON	2007/04/11 10:31
S47	10	(FR-2799153-\$).did. or (JP-2005195717-\$ or JP-2003011014-\$ or JP-2002348129-\$ or JP-2001212709-\$ or JP-2000024801-\$ or JP-11010401-\$ or JP-09216232-\$ or JP-07330350-\$ or JP-02160403-\$).did.	EPO; JPO	OR	ON	2007/04/11 10:44
S48	19	(FR-2799153-\$).did. or (JP-2005195717-\$ or JP-2003011014-\$ or JP-2002348129-\$ or JP-2001212709-\$ or JP-2000024801-\$ or JP-11010401-\$ or JP-09216232-\$ or JP-07330350-\$ or JP-02160403-\$).did.	EPO; JPO; DERWENT	OR	ON	2007/04/11 10:44
S49	9	(FR-2799153-\$).did. or (JP-2005195717-\$ or JP-2003011014-\$ or JP-2002348129-\$ or JP-2001212709-\$ or JP-2000024801-\$ or JP-11010401-\$ or JP-09216232-\$ or JP-07330350-\$ or JP-02160403-\$).did.	DERWENT	OR	ON	2007/04/11 10:46
S50	1	"5700307".pn.	USPAT	OR	ON	2007/04/11 10:47
S51	1	S50 and (cut cutting) same (diamond)	USPAT	OR	ON	2007/04/11 10:48
S52	1	S50 and (cut cutting) same (film)	USPAT	OR	ON	2007/04/11 10:48
S53	1	S50 and (cut cutting) same (layer)	USPAT	OR	ON	2007/04/11 10:50
S54	1	S50 and (hard hardness)	USPAT	OR	ON	2007/04/11 10:57
S55	1	"6869549".pn.	USPAT	OR	ON	2007/04/11 11:50
S56	1447	rake near2 face	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 11:51
S57	141	(rake near2 face) same (diamond)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 12:04
S58	108	(rake near2 face) same (diamond)	USPAT; USOCR	OR	ON	2007/04/11 12:01
S59	20	(rake near2 face) same (diamond) and optical	USPAT; USOCR	OR	ON	2007/04/11 11:56

EAST Search History

S60	1	"5326195".pn.	USPAT; USOCR	OR	ON	2007/04/11 12:01
S61	22	(rake near2 face) same (diamond) same (control\$3 controll\$3 orient\$3 orientation)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 12:34
S62	1	"6165394".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 12:34
S63	0	S62 and (cut cutting)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 12:34
S64	1	(US-6510709-\$).did.	USPAT	OR	ON	2007/04/11 13:10
S65	1	S64 and (carbide ceramic)	USPAT	OR	ON	2007/04/11 13:10
S66	1	"6305194".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 13:11
S67	1	"6514444".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 13:25
S68	3	("3833347" "4139677" "4168961"). pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 13:26
S69	3	S68 and (cut cutting diamond)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 13:31
S70	1	"5700307".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 13:32
S71	30	(cutting) near2 (tool blade diamond) and (Vickers near2 "1000")	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 14:37
S72	5	(cutting) near2 (tool blade diamond) and (Vickers near2 "1000") and ((mold die) same optical)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 14:42
S73	59	(cutting) near2 (tool blade diamond) and (Vickers) and ((mold die) same optical)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 14:44
S74	54	S73 not S72	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 14:42
S75	35	(cutting) near2 (tool blade diamond) and (Vickers) and ((mold die) near7 optical)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 15:04
S76	32	(cutting) near2 (tool blade diamond) and (Rockwell) and ((mold die) near7 optical)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 15:19

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S77	45	(Rockwell near4 "M" near4 "A")	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 15:21
S78	0	(Rockwell near4 "HRM" near4 "HRA")	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 15:21
S79	0	(Rockwell same "HRM" same "HRA")	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 15:26
S80	31	"140824"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/04/11 15:26
S81	0	"140824"	JPO	OR	ON	2007/04/11 15:26
S82	0	"60-140824"	JPO	OR	ON	2007/04/11 15:26
S83	0	60-140824	JPO	OR	ON	2007/04/11 15:26
S84	0	60-140824	JPO; DERWENT	OR	ON	2007/04/11 15:26
S85	1	62-003031	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2007/04/11 15:31
S86	1	S85 and hardness	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2007/04/11 15:31
S87	6	"62003031"	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2007/04/11 15:41
S88	2	"5171348".pn.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2007/04/11 15:41
S89	0	S88 and plastic	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2007/04/11 15:41
S90	0	S88 and polymer\$3	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2007/04/11 15:44

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S91	374	("1343319" "1803429" "2129304" "2292917" "2333985" "2543630" "2568040" "2711892" "2745445" "2853617" "3079732" "3109696" "3142140" "3211811" "3408429" "3422168" "3423488" "3428533" "3555126" "3604970" "3632695" "3639991" "3663191" "3739822" "3745623" "3803950" "3806079" "3830460" "3833347" "3842713" "3931373" "3961103" "4012843" "4017238" "4095772" "4116753" "4121896" "4129628" "4168961" "4179484" "4188353" "4208364" "4219721" "4219933" "4230915" "4243395" "4246207" "4250210" "4251254" "4268276" "4284591" "4307046" "4327606" "4364878" "4383672" "4391622" "4408319" "4426139" "4429678" "4434113" "4457880" "4478768" "4479910" "4495313" "4537732" "4565348" "4565772" "4573903" "4605524" "4619563" "4625323" "4629487" "4637697" "4640489" "4664854" "4676610" "4680336" "4680998" "4681295" "4685948" "4690506" "4698128" "4704016" "4721518" "4723903" "4734157" "4762445" "4768183" "4793953" "4814041" "4842633" "4842782" "4842937" "4865779" "4869777" "4876042" "4890913" "4921519" "4923296" "4928435" "4933318" "4953385" "4956214" "4985186" "5007984" "5013494" "5020394" "5024722" "5026415" "5026510" "5044245" "5044706" "5058281" "5061342" "5078513" "5078551" "5080739" "5096285" "5108187" "5110278" "5115697" "5117306" "5117433" "5122313" "5127989").PN. OR ("5139372" "5141678" "5161057" "5171348" "5178645" "5185107" "5188013" "5200121" "5208701" "5219497" "5229880" "5268790" "5271875" "5380349" "5389313" "5407062" "5436764" "5443966" "5456864" "5466147" "5538674"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 15:45
4/13/2007 2:43:40 PM		C:\Documents and Settings\Wolfschlaeger\My Documents\EAST\Workspaces\10721547.wsp				Page 8

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S92	534	("0385905" "0835648" "1348115" "1591572" "1850141" "20030002943" "20030020189" "20030053009" "20030086030" "20030146528" "20030164565" "20030218264" "2027441" "2029375" "2182775" "2205638" "2243521" "2297337" "2310790" "2347556" "2380447" "2407680" "2480354" "2538638" "2738730" "2788555" "2823417" "2838961" "2905059" "3034403" "3069721" "3190178" "3261768" "3263067" "3270099" "3277535" "3285835" "3288045" "3339997" "3400057" "3417959" "3440306" "3443281" "3476013" "3476025" "3507552" "3510206" "3541606" "3560598" "3632695" "3649153" "3678147" "3680213" "3684348" "3689346" "3693301" "3711870" "3712706" "3712718" "3760045" "3780409" "3784451" "3795054" "3810804" "3811983" "3812706" "3813970" "3830460" "3833347" "3840977" "3857305" "3866249" "3873184" "3893356" "3894710" "3899154" "3922065" "3923378" "3924928" "3924929" "3926402" "3931373" "3937873" "3950082" "3958554" "3962505" "3991426" "4010496" "4024623" "4025159" "4025965" "4035590" "4044379" "4053953" "4066236" "4066331" "4073568" "4080709" "4091057" "4092743" "4095773" "4104339" "4110848" "4111083" "4113266" "4113267" "4118808" "4121885" "4139677" "4149304" "4150073" "4159292" "4165402" "4168961" "4169119" "4172297" "4173492" "4175896" "4179484" "4198182" "4198714" "4199313").PN. OR ("4202600" "4203691" "4208090" "4243618" "4244060" "4251254" "4251887" "4282289" "4287689" "4315337" "4316293" "4329771" "4332437" "4338050" "4349598" "4355382" "4365360" "4373218" "4374685" "4377329" "4391622" "4396377" "4400118" "4418001"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 15:46
4/13/2007 2:43:40 PM		C:\Documents and Settings\Wolfschlaeger\My Documents\EAST\Workspaces\10721547.wsp	Page 9			

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S93	0	("2002/0148941" "2003/0034574" "2003/0127759" "2003/0169515" "2004/0113299" "2004/0217496" "2006/0120816").URPN.	USPAT	OR	ON	2007/04/11 15:47
S94	0	("2002/0148941" "2003/0034574" "2003/0127759" "2003/0169515" "2004/0113299" "2004/0217496" "2006/0120816").URPN.	US-PGPUB; USPAT	OR	ON	2007/04/11 15:47
S95	0	("2002/0148941" "2003/0034574" "2003/0127759" "2003/0169515" "2004/0113299" "2004/0217496" "2006/0120816").URPN.	USPAT	OR	ON	2007/04/11 15:48
S96	0	("2002/0148941" "2003/0034574" "2003/0127759" "2003/0169515" "2004/0113299" "2004/0217496" "2006/0120816").URPN.	US-PGPUB; USPAT	OR	ON	2007/04/11 15:48
S97	872	S91 S92	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 15:48
S98	94	S97 and (Vickers Rockwell SiC)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 15:49
S99	74	S97 and (Vickers Rockwell SiC) and (mold die stamp\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 15:49
S10 0	70	S97 and (Vickers Rockwell SiC) and (mold die stamp\$3) and (cut cutting grind\$3 machin\$3 lathe lathing diamond laser)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 15:52
S10 1	48	S97 and (Vickers Rockwell SiC) and ((mold die stamp\$3) same optical) and (cut cutting grind\$3 machin\$3 lathe lathing diamond laser)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 16:04
S10 2	15	S97 and (Vickers Rockwell) and ((mold die stamp\$3) same optical) and (cut cutting lathe lathing diamond)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 16:14
S10 3	1	"6560994".pn. and (cut cutting lathe lathing diamond)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 16:23
S10 4	18	(mold die) near4 optical and (Sic ceramic alumina carbide) near7 (mold die) near7 (cut cutting lathe lathing turn\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 16:24
S10 5	18	(mold die) near4 optical and ((Sic ceramic alumina carbide) near7 (mold die) near7 (cut cutting lathe lathing turn\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 16:28

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S10 6	15	(mold die) near4 optical and ((Sic ceramic alumina carbide) near7 (mold die) near7 (cut cutting lathe lathing))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 16:35
S10 7	1	"7060175".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 16:35
S10 8	1	(US-7060175-\$.did.	USPAT	OR	ON	2007/04/11 16:36
S10 9	1	S108 and (base near2 member)	USPAT	OR	ON	2007/04/11 16:37
S11 0	1	S108 and (base near2 member) and (ceramic metal metallic cerment SiC)	USPAT	OR	ON	2007/04/11 16:37
S11 1	1	S108 and (base near2 member) same (ceramic metal metallic cerment SiC)	USPAT	OR	ON	2007/04/11 16:39
S11 2	1	S108 and (base near2 member) same (material)	USPAT	OR	ON	2007/04/11 16:40
S11 3	0	11/290499	USPAT	OR	ON	2007/04/11 16:40
S11 4	1	11/290499	US-PGPUB; USPAT	OR	ON	2007/04/11 16:53
S11 5	1	"6764773".pn.	US-PGPUB; USPAT	OR	ON	2007/04/11 16:54
S11 6	171	S20 and (mold die stamp\$3)	US-PGPUB; USPAT	OR	ON	2007/04/11 16:54
S11 7	1	S115 and (mold die stamp\$3)	US-PGPUB; USPAT	OR	ON	2007/04/11 16:54